

## Supporting Information

### Synthesis and Characterization of Iridium(III) Cyclometalated Complexes with Oligonucleotides: Insights into Redox Reactions with DNA

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**Figure S1.** Absorption, emission and excitation spectra for **Ir1** and **Ir2** in CH<sub>3</sub>CN (absorption) and CH<sub>2</sub>Cl<sub>2</sub> (emission/excitation). All the measurements are made at room temperature under air.

**Figure S2.** Cyclic voltamograms for Ir complexes. *Top*: Ir3; *middle*: Ir2; *bottom*: Ir1. Fc<sup>+</sup>/Fc represents the oxidation peak of standard ferrocene. Working conditions are described in materials and methods.

**Figure S3.** Proposed mechanism and structure for the spin-trapping reaction of guanine radicals in the presence of PBN.

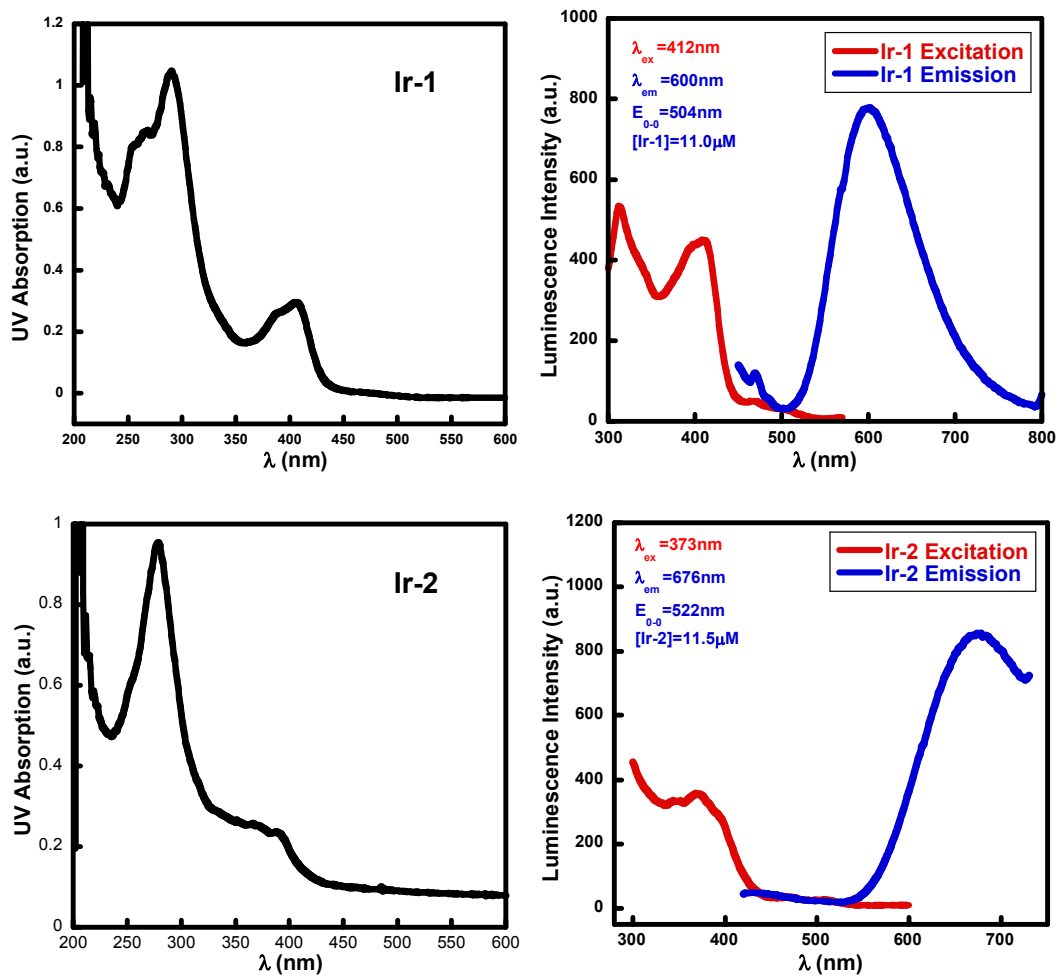


Figure S1

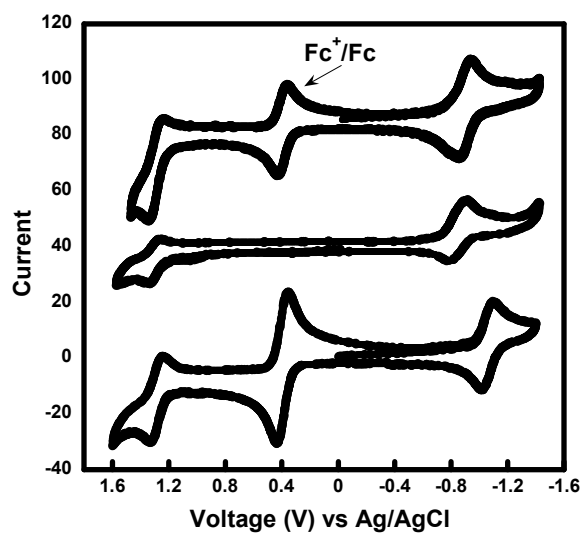


Figure S2.

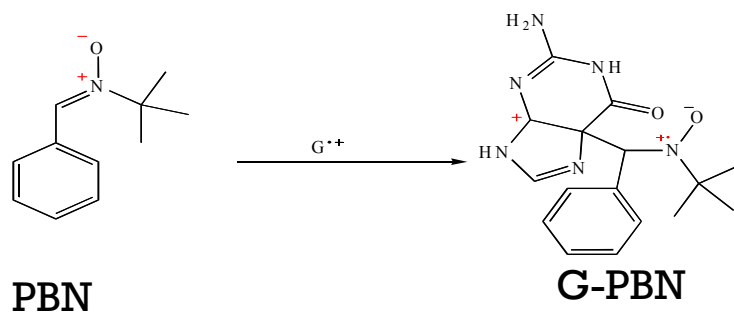


Figure S3.

